PATENT - POWER OF ATTORNEY OR REVOCATION OF POWER OF ATTORNEY WITH A NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS

1. Microsoft Corporation hereby revokes all previous powers of attorney given in the following patents:

Patent No.	Title	Issue Date	First Named Inventor
6282489	METHODS AND APPARATUS FOR DISPLAYING A TRAVEL ROUTE AND GENERATING A LIST OF PLACES OF INTEREST LOCATED NEAR THE TRAVEL ROUTE	08/28/2001	Keith J. Bellesfield
6498982	METHODS AND APPARATUS FOR DISPLAYING A TRAVEL ROUTE AND/OR GENERATING A LIST OF PLACES OF INTEREST LOCATED NEAR THE TRAVEL ROUTE	12/24/2002	Keith J. Bellesfield
6993430	AUTOMATED TRAVEL PLANNING SYSTEM	01/31/2006	Keith J. Bellesfield
8170791	AUTOMATED TRAVEL PLANNING SYSTEM	05/01/2012	Keith J. Bellesfield
6847977	GROUPING MULTIMEDIA AND STREAMING MEDIA SEARCH RESULTS	01/25/2005	Aram Christian Abajian
6877002	FUZZY DATABASE RETRIEVAL	04/05/2005	John Prince
6941300	INTERNET CRAWL SEEDING	09/06/2005	Sean S. Jensen-Grey
7181444	SYSTEM AND PROCESS FOR SEARCHING A NETWORK	02/20/2007	Charles A. Porter
7720836	INTERNET STREAMING MEDIA WORKFLOW ARCHITECTURE	05/18/2010	Aram Christian Abajian

7752186	GROUPING MULTIMEDIA AND STREAMING MEDIA SEARCH RESULTS	07/06/2010	Aram Christian Abajian
7007008	CATEGORY SEARCHING	02/28/2006	Surendra Goel
7047229	SEARCHING CONTENT ON WEB PAGES	05/16/2006	Surendra Goel
7523103	CATEGORY SEARCHING	04/21/2009	Surendra Goel
7558805	SEARCHING CONTENT ON WEB PAGES	07/07/2009	Surendra Goel
7970750	CATEGORY SEARCHING	06/28/2011	Surendra Goel
7395153	REDUCING DRIVING DIRECTIONS	07/01/2008	David W. Nesbitt
7689349	AUTOMATIC DETERMINATION OF A SURROGATE ORIGIN FOR PERSONALIZED ROUTING	03/30/2010	David W. Nesbitt
7561965	REDUCING DRIVING DIRECTIONS	07/14/2009	David W. Nesbitt
7403939	RESOLVING QUERIES BASED ON AUTOMATIC DETERMINATION OF REQUESTOR GEOGRAPHIC LOCATION	07/22/2008	Ajaipal Singh Virdy
8166025	RESOLVING QUERIES BASED ON AUTOMATIC DETERMINATION OF REQUESTOR GEOGRAPHIC LOCATION	04/24/2012	Ajaipal Singh Virdy
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- 2. Microsoft Corporation hereby appoints Practitioner(s) associated with Customer Number **69316** as its attorney(s) or agent(s) with respect to the patents identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.
- 3. Please recognize or change the correspondence address for the aboveidentified patents to the address associated with the above-mentioned Customer Number.
- 4. Microsoft Corporation is the Assignee of record of the entire interest in each of the above-identified patents and, as such, is the patent owner.
- 5. A Statement under 37 CFR 3.73(b) (Form PTO/SB/96) is submitted herewith.
- 6. The undersigned (whose title is supplied below) is authorized to act on behalf of the Assignee, Microsoft Corporation.

Signature of Assignee of Record

Signature	Harry My	Date	2/18/13	
Name	D. Bartley Epperauer	Telephone	425-882-8080	
Title and Company	Assistant Secretary, Microsoft Corporation			